

RiTan-Ox

Sorbitan Mono Oleate

HSN: 2915

Description

RiTan-Ox is a fatty acid ester made from 100% renewable raw materials derived from plant origin. It has versatile properties that allow it to act as: an emulsifier, structurant, etc.

Characteristic Values*

Properties	Units	AOCS Test Method	RiTan-Ox SMO
Physical:			
Appearance	@ 25°C	Visual	Lt. Amber Liquid
Clarity <small>molten form</small>	Gardner Tube	Visual	Clear
Color <small>molten form</small>	Gardner Scale	Visual	8 max
Moisture	%	Ca 2c-25	1 max
Viscosity <small>bubble secs</small>	@ 25°C Gardner Tube	Tq 1a-64	15 +/- 2
Emulsion. <small>5% disp. in hot water w/w</small>	@ 25°C	Visual	Stable
Chemical:			
Acid Value	mg KOH/g	Cd 3d-63	8 max
Saponification Value	mg KOH/g	Cd 3-25	149 – 160
Iodine Value	cg I ₂ /g	Tg 1-64	60 – 80
Hydroxyl Value	mg KOH/g	Cd 13-60	193 – 209
HLB	@ 25°C	Std. Formula	4

*Slight variations in the characteristic values stated are possible due to production made out of natural raw materials but it shall have no influence on its application functionalities.

Packing: In Plastic Barrels (net wt. 200 kgs)

Shelf Life / Storage: The shelf life for this material is 12 months from manufacturing date when stored in a cool place (< 35°C), in tightly closed packaging, protected from dust, heat, & moisture.

Applications

Industry: Personal Care	Key Role	Benefits
Creams	Emulsifier	Emolliency, Structure, Lubricancy
Soaps	Emulsifier	Emolliency, Structure, Lubricancy
Shampoos	Emulsifier	Emolliency, Structure, Lubricancy

Authorization: (sign not necessary if emailed doc.)

Approved by:	Approved by:	Approved by:
TECH: EX	MFGN: EX	MKTG: EX

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